

Advanced Protein and Peptide Separation Techniques

10 October 2018 | USM Main Campus, Penang

Course Description

This mini seminar aims to provide lectures on key components of protein separation by 2DE and OFFGEL electrophoresis pertaining to the fundamentals as well as the recent development in the areas of protein separation. In addition, this mini seminar will provide a demo on the experimental set-up, instrument usage and the *tips and tricks* for troubleshooting. It is anticipated that participants will gain a better understanding on how to run the instrument, sample preparation, results analyses as well as overcoming common problems encountered.

Speakers and Trainers

Dr. Nurulhasanah Othman
Proteomics and Mass Spectrometry

Technical Applications Specialist
Chemopharm Sdn Bhd

Technical Applications Specialist
Kinematic Resources Sdn Bhd

Registration

Dateline 3 Oct 2018

Professional | RM 80
Student | RM 50

Seat Limit
30 participants

Contacts

Technical

Dr. Nurulhasanah Othman
nurulhasanah@usm.my
04-6534877

Registration

Khairol Anuar Hazir Mohammed
khairol@usainsigroup.com
012-286 9048

[Register Here](#)

This hands-on course is organised by the Institute for Research in Molecular Medicine (INFORMMM), Universiti Sains Malaysia with our proud partners and sponsors



Programme: Advanced Protein and Peptide Separation Techniques

10 October 2018

0830	Registration for Participants
0900	Welcome Address and Introduction
0915	<p>Session 1 – Dr Nurulhasanah Othman</p> <p>An overview of protein separation by 2-DE on its application in the proteomics study (Theory, aspects of sample preparation, method workflow)</p>
1000	Tea
1020	<p>Session 2 – Chemopharm Sdn Bhd</p> <p>Technical Applications Lecture and Demonstration</p>
1300	Lunch
1400	<p>Session 3 – Kinematics Resources Sdn Bhd</p> <p>Technical Applications Lecture and Demonstration</p>
1700	Closing Remark
1715	Tea
1730	End

About the Sessions

This mini seminar aims to provide lectures on key components of protein separation by 2DE and OFFGEL electrophoresis pertaining to the fundamentals as well as recent developments in the areas of protein separation. Lectures will cover the introduction and overview of 2DE and OFFGEL analyses followed by technical application talks by experts from Chemopharm on their latest gel-based instrument and the demo of Chemo Imager. Meanwhile, the afternoon session will focus on gel imaging and software analysis for conventional 2-DE and LC-MS/MS by experts from Kinematics Resources.

This hands-on course is organised by the Institute for Research in Molecular Medicine (INFORMM), Universiti Sains Malaysia with our proud partners and sponsors

